

FIGURE 1

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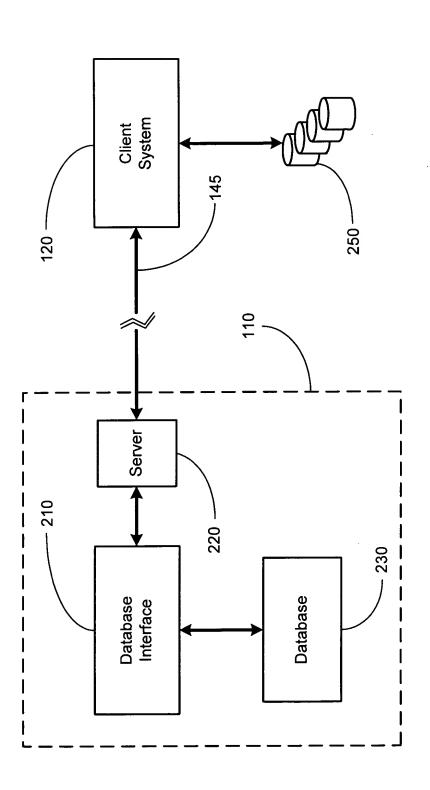


FIGURE 2

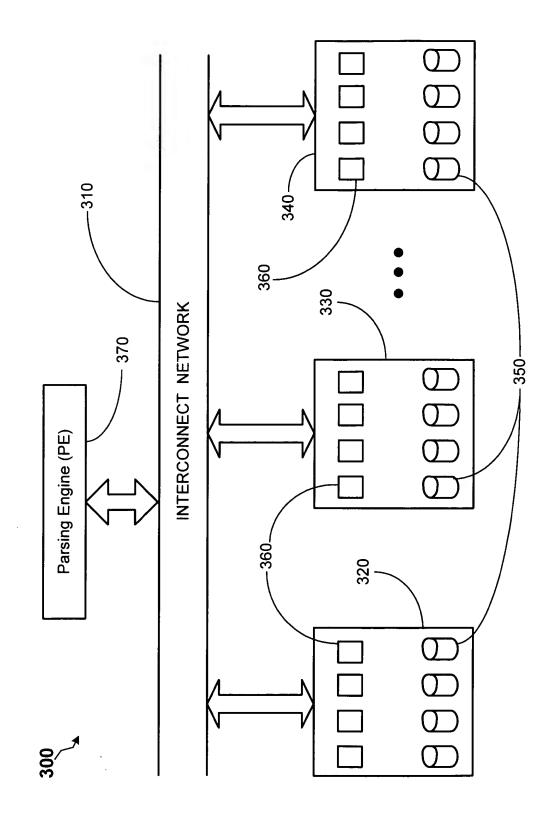


FIGURE 3

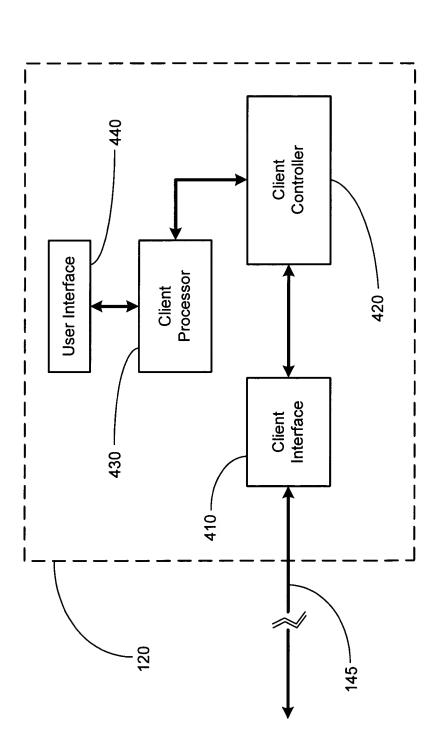


FIGURE 4

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FIGURE 5

r Slave (1)  bal Create/Connect an SQL session  ect NextPhase ion.  Greate/Connect Eastload session(s).  EndMethod  the  ELSE SamePhase  ELSE SamePhase  ELSE SamePhase  ELSE SamePhase  ELSE SamePhase  ELSE  EndMethod  point  EndMethod					
Phase         Master         Slave (1)           1         Allocate Global SQL session         Create/Connect an SQL session           2         Create/Connect Fastload session(s).         Session(s).           3         Issue 'Begin Loading'         EndMethod           1         Read a record from a data source source source         Read a record from a data source source           2         Issue 'Begin Loading'         In m a data source from a data source source           2         Issue 'Begin Load a record from a data source source source         If End-Of-Data If End-Of-Data Ir End-Of-Data Ir End-Of-Data Ir End SamePhase           2         Issue 'End         SamePhase SamePhase           2         Issue 'End         EndMethod           3         Issue 'End         Clobal Var           4         Write statistics to Global Var         Clobal Var           5         Write checkpoint record(s) to the LOG         EndMethod				Mark Mark Mark Mark	
1 Allocate Global Create/Connect an Var Create/Connect NextPhase an SQL session.  NextPhase an SQL session.  2 Create/Connect Create/Connect Fastload session(s).  NextPhase EndMethod  1 Read a record from a data source source source in Fend-Of-Data in Sex Source in Fend-Of-Data in Source in Fend-Of-Data in Specified by the cuscry of Global Var in Write statistics to Global Var in Create/Connect in NextPhase in SamePhase in SamePha	Methods	Phase	Master	Slave (1)	Slave (2)
Create/Connect NextPhase an SQL session.  NextPhase  Create/Connect Create/Connect Fastload Session(s).  NextPhase EndMethod  Issue 'Begin EndMethod  Is Read a record from a data source source  Source IF End-Of-Data IF End-Of-Data NextPhase ELSE ELSE  SamePhase SamePhase  Issue 'End  Loading' (if specified by the user)  I Write statistics to Global Var Global Var Global Var Codding Codd Codd Codd Codd Codd Codd Codd Cod	Startup	1	Allocate Global Var	Create/Connect an SQL session	Create/Connect an SOL session
an SQL session.  NextPhase  Create/Connect Create/Connect Fastload session(s).  Session(s).  Session(s).  Session(s).  Session(s).  Bratload  Issue 'Begin  Loading'  EndMethod  If End-Of-Data is ELSE  SamePhase  ELSE  SamePhase  SamePhase  SamePhase  Issue 'End  Loading' (if specified by the user)  BradMethod  I Write statistics to Global Var  NextPhase  EndMethod  Succe  Succe			Create/Connect	NextPhase	NextPhase
2 Create/Connect Create/Connect Fastload session(s).  NextPhase EndMethod  1 Read a record from a data source source source ELSE SamePhase SamePhase SamePhase SamePhase User)  2 Issue 'EndMethod Global Var Global Var Global Var Global Var EndMethod  1 Write statistics to Global Var EndMethod  2 Write checkpoint record(s) to the LOG			an SQL session.		
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Fastload session(s).  NextPhase EndMethod  1 Issue 'Begin Loading' EndMethod Read a record from a data source source  IF End-Of-Data IF End-Of-Data IF ELSE ELSE SamePhase SamePhase  2 Issue 'End Loading' (if specified by the user)  Buser)  EndMethod Global Var  NextPhase ELSE SamePhase SamePhase  2 Issue 'End Loading' (if specified by the user)  EndMethod  1 Write statistics to Global Var NextPhase EndMethod  2 Write checkpoint record(s) to the LOG		2	Create/Connect	Create/Connect	Create/Connect
session(s). session(s).  NextPhase EndMethod  I Issue 'Begin  Loading'  EndMethod  Read a record from a data from a data source  IF End-Of-Data IF End-Of-Data IF End-Of-Data IF End-Of-Data IF End-Of-Data IF End Base  ELSE  SamePhase  SamePhase  Loading' (if specified by the user)  EndMethod  I Write statistics to Global Var Record(s) to the LOG  EndMethod  EndMethod  EndMethod  EndMethod  EndMethod  EndMethod  EndMethod			Fastload	Fastload	Fastload
1 Issue 'Begin Loading' EndMethod I Read a record from a data source source IF End-Of-Data IF End-Of-Data IF End-Of-Data NextPhase ELSE SamePhase SamePhase SamePhase Issue 'End I Write statistics to Global Var I Write checkpoint record(s) to the LOG EndMethod EndMethod EndMethod EndMethod EndMethod EndMethod EndMethod EndMethod			session(s).	session(s).	session(s).
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EndMethod  Read a record from a data source source Source IF End-Of-Data IF End-Of-Data NextPhase ELSE BLSE SamePhase SamePhase  2 Issue 'End Loading' (if specified by the user) EndMethod 1 Write statistics to Global Var NextPhase EndMethod 2 Write checkpoint record(s) to the LOG			Loading'		
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NextPhase   NextPhase   ELSE			IF End-Of-Data	IF End-Of-Data	IF End-Of-Data
ELSE SamePhase SamePhase SamePhase  Loading' (if specified by the user)  EndMethod  Write statistics to Global Var Global Var Clobal Var SamePhase  Loading' (if specified by the user)  EndMethod  Write checkpoint  LOG EndMethod  EndMethod  LOG EndMethod			NextPhase	NextPhase	NextPhase
SamePhase SamePhase  2 Issue 'End    Loading' (if    specified by the    user)    EndMethod  1 Write statistics to Global Var    NextPhase EndMethod  2 Write checkpoint record(s) to the    LOG    EndMethod		-	ELSE	ELSE	ELSE
2 Issue 'End Loading' (if specified by the user)  EndMethod  1 Write statistics to Global Var Clobal Var  NextPhase  2 Write checkpoint record(s) to the LOG EndMethod			SamePhase	SamePhase	SamePhase
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specified by the user)  EndMethod  1 Write statistics to Global Var  Slobal Var  NextPhase  2 Write checkpoint record(s) to the LOG  EndMethod			Loading' (if		
LOG  Language  Log  user)  EndMethod  Write statistics to Write statistics to Global Var  RextPhase  EndMethod  EndMethod  EndMethod			specified by the		
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1 Write statistics to Write statistics to Global Var NextPhase EndMethod  2 Write checkpoint record(s) to the LOG EndMethod			EndMethod		
Global Var  NextPhase EndMethod  2 Write checkpoint record(s) to the LOG  EndMethod	Check-	Τ	Write statistics to	Write statistics to	Write statistics to
NextPhaseEndMethodWrite checkpointrecord(s) to the LOGEndMethod	point		Global Var	Global Var	Global Var
			NextPhase	EndMethod	EndMethod
LOG FindMethod		7	Write checkpoint		
FudWethod			record(s) to the		
			EndMethod		

## FIGURE 6A

Methods	Phase	Master	Slave (1)	Slave (2)
Restart	1	Process	Process	Process
		checkpoint	checkpoint	checkpoint
		records	records	records
		NextPhase	EndMethod	EndMethod
	2	Write a restart		
		record to the		
		LOG to indicate		
		EndOfRestart		
		EndMethod		
Terminate	1	Disconnect	Disconnect	Disconnect
		Fastload	Fastload	Fastload
		session(s)	session(s)	session(s)
		NextPhase	NextPhase	NextPhase
	2	Disconnect SQL	Disconnect SQL	Disconnect SQL
		session	session	session
		Deallocate	EndMethod	EndMethod
		GlobalVar		
		EndMethod		

## FIGURE 6B

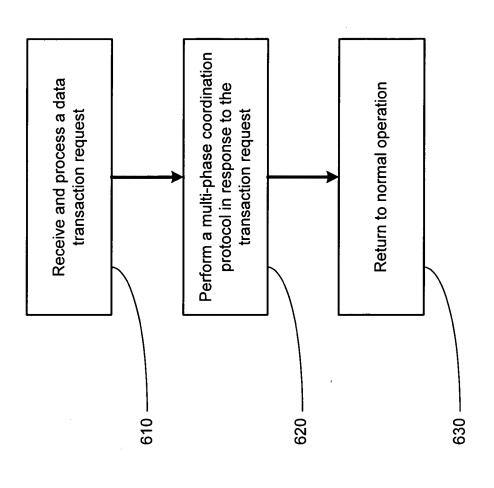


FIGURE 7

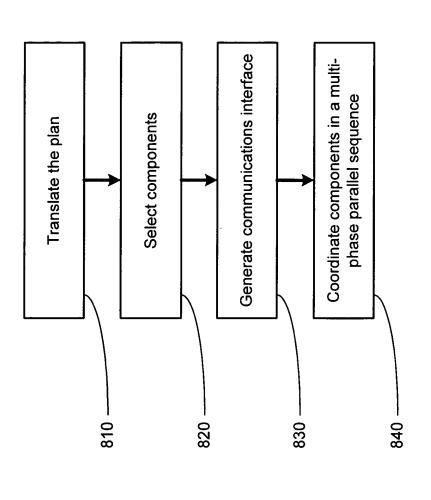


FIGURE 8

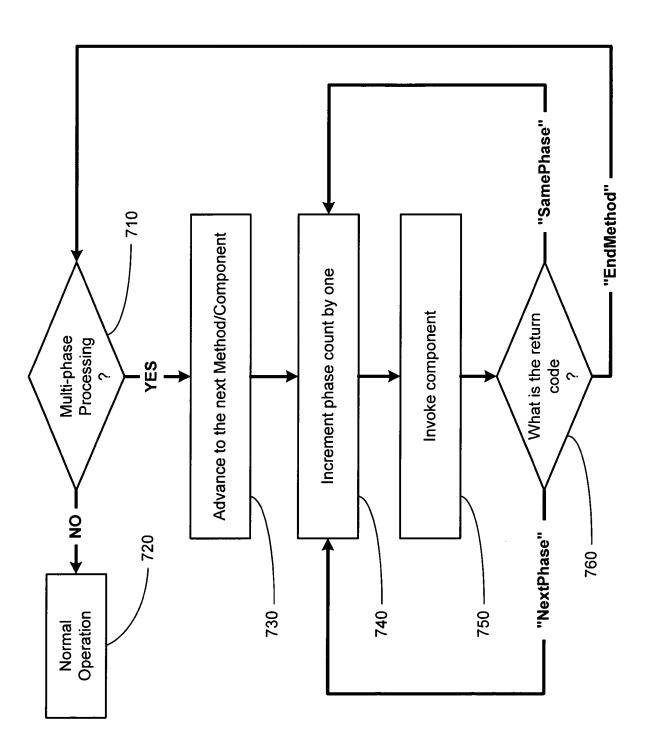


FIGURE 9

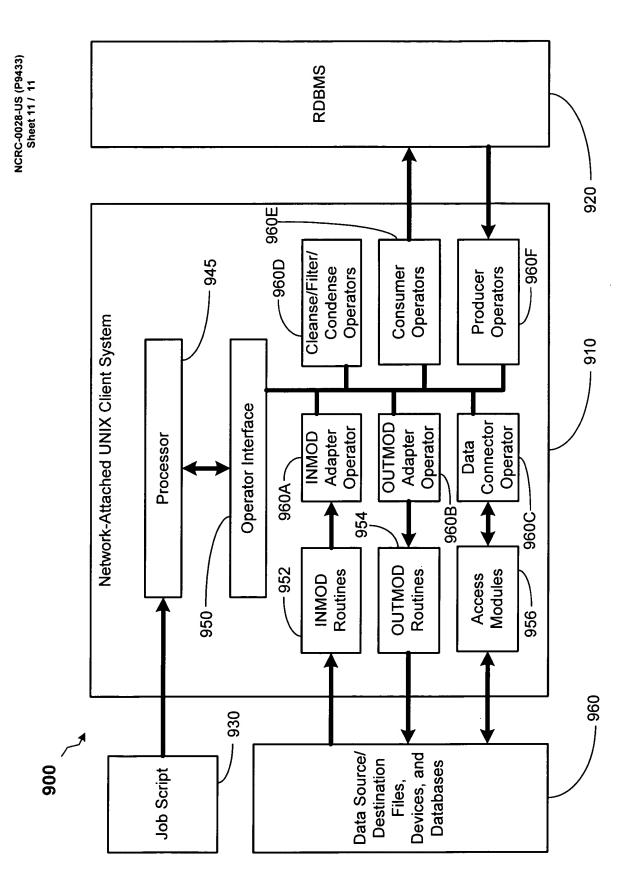


FIGURE 10